

***Eriogonum lemmonii*** S. Watson (1877)**LEMMON BUCKWHEAT**

**FAMILY:** *Polygonaceae*, the buckwheat family.

**STATUS:**

**Heritage Program WATCH LIST, ranks: G3? S3?**

**USFWS/ESA:** none. **STATE OF NEVADA:** none. **BLM:** none. **USFS:** none. **NNNPS:** none.

**POPULATION CENSUS:** 18 occurrences mapped at 1.0 km (0.6 mi) separation, OR 19 occurrences mapped at 0.16 km (0.1 mi) separation; total estimated individuals 8855+, total estimated area 4.1+ ha (10.1+ ac). **TREND:** unknown.

**IMPACTS AND MAJOR THREATS:** No summary available (see references).

**INVENTORY EFFORT:** Not yet systematically surveyed. Most recent entered survey 1986, average year of last survey 1981. **Years since last entered survey** (percent of mapped records at various survey ages): **11-20 yrs:** 57.9%; **21-30 yrs:** 42.1%.

**LAND MANAGEMENT** in decreasing predominance: U. S. Bureau of Land Management, private lands, Humboldt-Toiyabe National Forest, Nevada state lands.

**RANGE:** Churchill, Lyon, Pershing, Storey, and Washoe counties, Nevada. **Nevada endemic.** Maximum **range dimension** 68.3 km (42.5 mi) excluding most disjunct record. **Type specimen** collected in Washoe County.

**ELEVATIONS RECORDED:** 4200-5400 feet (1280-1646 meters).

**HABITAT:** Open, light-colored, sometimes silty or sandy, sometimes gypsiferous shrink-swell clay soils on bluffs and badlands derived from fluvio-lacustrine silt and volcanic ash deposits in the shadscale zone.

**PHENOLOGY:** flowering late-spring. Range of most frequent **survey months:** May-June.

**LIFE-FORM AND HABIT:** annual.

**DESCRIPTION:** An erect annual averaging 2.3 dm high with a basal rosette of leaves and tiny, pink, red or yellow flowers in May and June.

**PHOTOGRAPHS:** none known.

**ILLUSTRATIONS:** Mozingo and Williams (1980).

**OTHER GENERAL REFERENCES** (listed separately): Reveal (1985).

**SPECIFIC REFERENCES:**

Tiehm, A. 1983. Field search for proposed threatened and endangered plants on Phillips Petroleum lease unit in the Desert Peak area of Churchill County, Nevada. Carson City: Nevada Natural Heritage Program files.

Watson, S. 1877. Descriptions of new species of plants, with revisions of certain genera. Proceedings of the American Academy of Arts 12: 246-278.

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